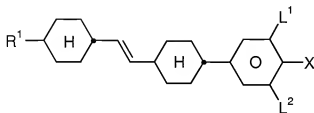


This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

**Claim 1. (Currently Amended)** Liquid-crystalline medium based on a mixture of polar compounds, comprising ~~characterised in that it comprises~~ one or more compounds of the formula I



in which

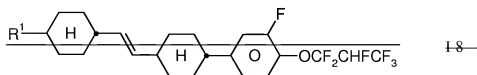
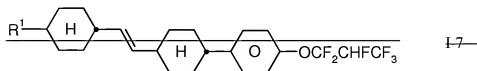
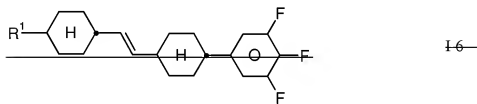
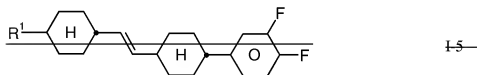
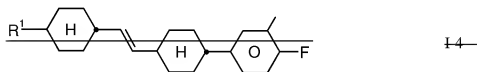
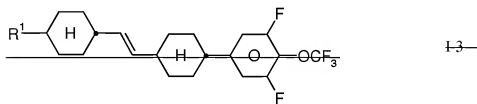
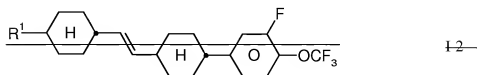
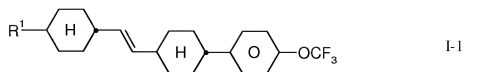
$R^1$  is a halogenated or unsubstituted alkyl or alkoxy radical having from 1 to 15 carbon atoms, where, in addition, one or more  $CH_2$  groups in these radicals may each, independently of one another, be replaced by  $-C\equiv C-$ ,  $-CH=CH-$ ,  $-O-$ ,  $-CO-O-$  or  $-O-CO-$  in such a way that O atoms are not linked directly to one another,

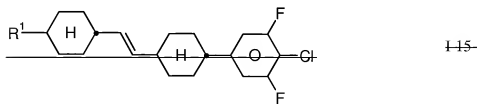
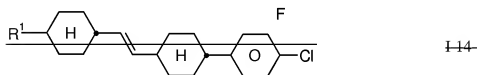
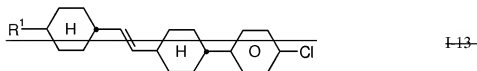
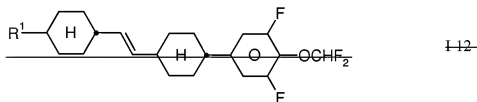
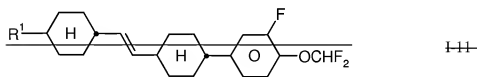
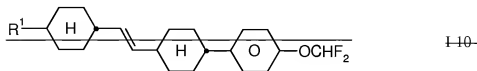
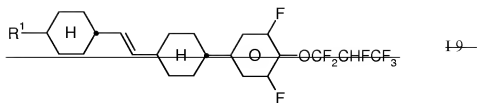
X is  $-OCF_3$ , F, Cl, CN, ~~a halogenated alkyl radical, a halogenated alkenyl radical, a halogenated alkoxy radical or a halogenated alkenyloxy radical having up to 6 carbon atoms, and~~

$L^1$  and  $L^2$  are each, independently of one another, H or F.

**Claim 2. (Currently Amended)** Liquid-crystalline medium according to Claim 1, wherein ~~characterised in that~~  $R^1$  = alkenyl in the compound of the formula I.

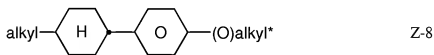
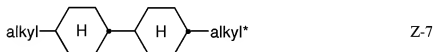
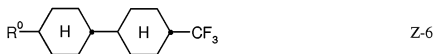
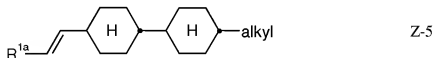
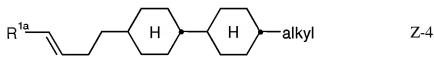
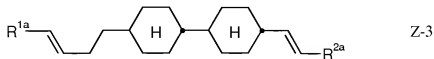
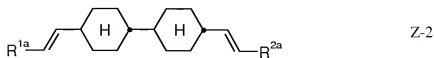
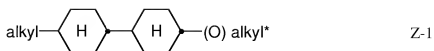
**Claim 3. (Currently Amended)** Liquid-crystalline medium according to Claim 1, comprising a compound of formula I-I ~~characterised in that it comprises one, two or more compounds of the formulae I-I~~





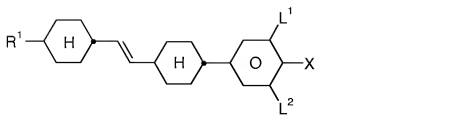
in which R<sup>1</sup> is as defined in Claim 1.

**Claim 4. (Currently Amended)** Liquid-crystalline medium according to Claim 1, ~~further comprising characterised in that it comprises~~ one, two or more bicyclic compounds of the formulae Z-1 to Z-8



in which R<sup>1a</sup> and R<sup>2a</sup> are each, independently of one another, H, CH<sub>3</sub>, C<sub>2</sub>H<sub>5</sub> or n-C<sub>3</sub>H<sub>7</sub>, and alkyl and alkyl\* are each, independently of one another, a straight-chain or branched alkyl group having 1-7 carbon atoms.

**Claim 5. (Currently Amended)** Liquid-crystalline medium ~~according to claim 1, characterised in that it comprises~~ based on a mixture of polar compounds, comprising one or more compounds of the formula I



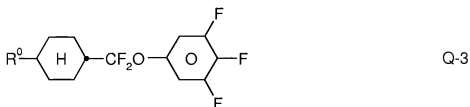
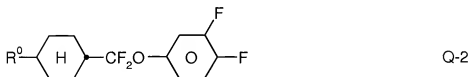
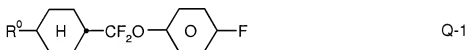
in which

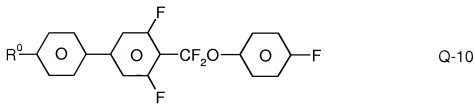
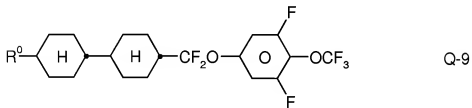
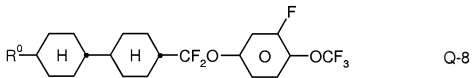
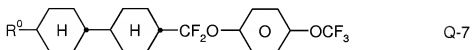
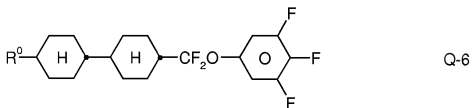
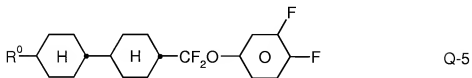
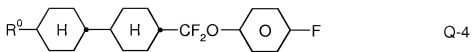
R<sup>1</sup> is a halogenated or unsubstituted alkyl or alkoxy radical having from 1 to 15 carbon atoms, where, in addition, one or more CH<sub>2</sub> groups in these radicals may each, independently of one another, be replaced by -C≡C-, -CH=CH-, -O-, -CO-O- or -O-CO- in such a way that O atoms are not linked directly to one another,

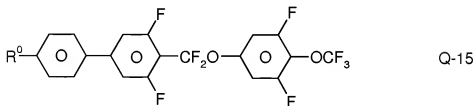
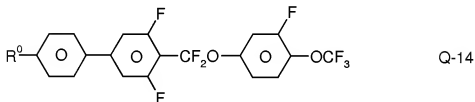
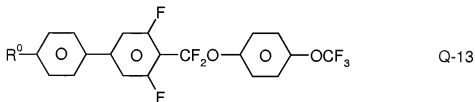
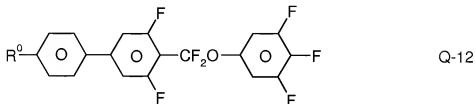
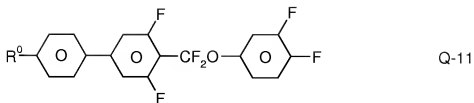
X is F, Cl, CN, a halogenated alkyl radical, a halogenated alkenyl radical, a halogenated alkoxy radical or a halogenated alkenyloxy radical having up to 6 carbon atoms, and

L<sup>1</sup> and L<sup>2</sup> are each, independently of one another, H or F.

said medium further comprising one or more compounds of the formulae Q-1 to Q-15



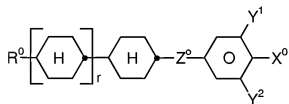
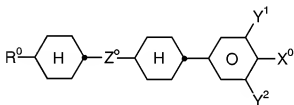
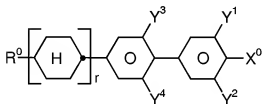
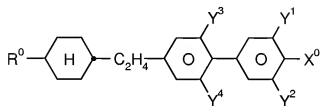
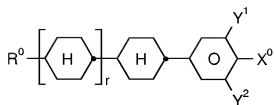




in which

$R^0$  is n-alkyl, oxaalkyl, alkoxy, alkenyloxy, fluoroalkyl or alkenyl, each having up to 9 carbon atoms.

**Claim 6. (Previously Presented)** Liquid-crystalline medium according to Claim 1, characterised in that it additionally comprises one or more compounds selected from the group consisting of the general formulae II, III, IV, V and VI:



in which the individual radicals have the following meanings:

$R^0$  is n-alkyl, oxaalkyl, alkoxy, alkenyloxy, fluoroalkyl or alkenyl, each having up to 9 carbon atoms,

$X^0$  is F, Cl, halogenated alkyl, halogenated alkenyl, halogenated alkenyloxy or halogenated alkoxy having up to 6 carbon atoms,

$Z^0$  is  $-\text{C}_2\text{F}_4-$ ,  $-\text{CF}=\text{CF}-$ ,  $-\text{C}_2\text{H}_4-$ ,  $-(\text{CH}_2)_4-$ ,  $-\text{OCH}_2-$ ,  $-\text{CH}_2\text{O}-$ ,  $-\text{CF}_2\text{O}-$  or



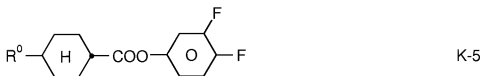
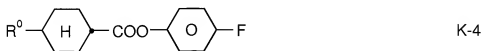
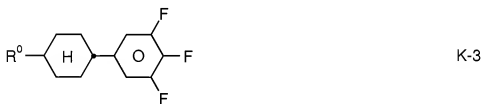
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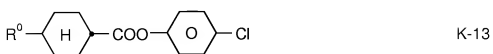
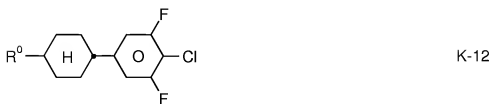
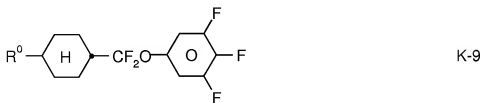
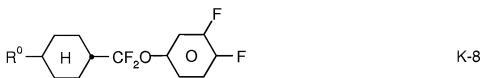
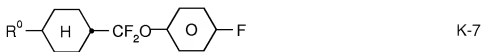
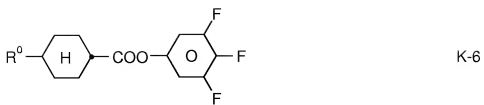
Y<sup>1</sup> to Y<sup>4</sup> are each, independently of one another, H or F,

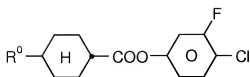
r is 0 or 1.

**Claim 7. (Previously Presented)** Liquid-crystalline medium according to Claim 6, characterised in that the proportion of compounds of the formulae I to VI together in the mixture as a whole is at least 50% by weight.

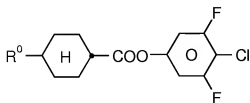
**Claim 8. (Previously Presented)** Liquid-crystalline medium according to Claim 1, characterised in that it additionally comprises one or more compounds of the formulae K-1 to K-27



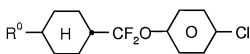




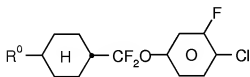
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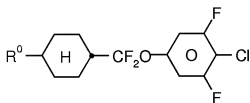
K-15



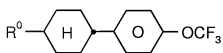
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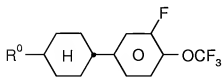
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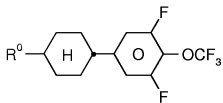
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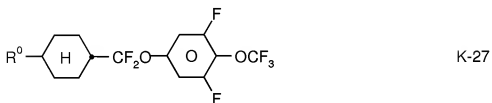
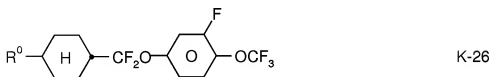
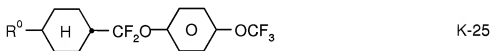
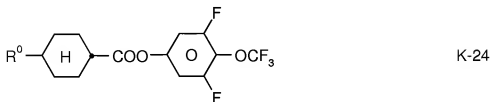
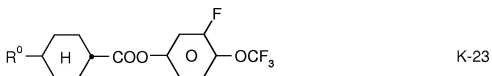
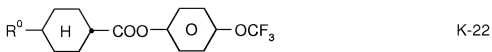
K-19



K-20

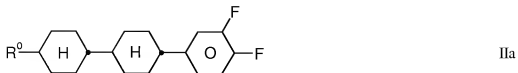


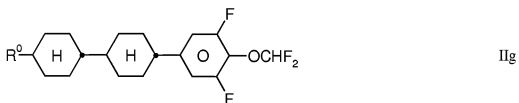
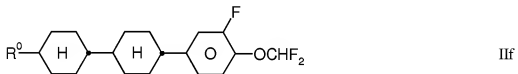
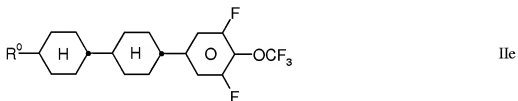
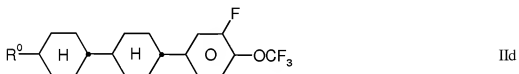
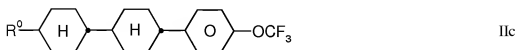
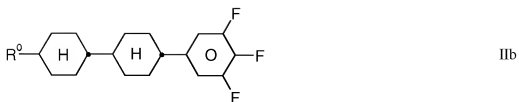
K-21



in which  $R^0$  is n-alkyl, oxaalkyl, alkoxy, alkenyloxy, fluoroalkyl or alkenyl, each having up to 9 carbon atoms.

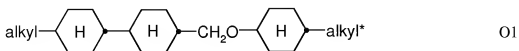
**Claim 9. (Previously Presented)** Liquid-crystalline medium according to Claim 1, characterised in that it comprises one or more compounds of the formulae IIa to IIg

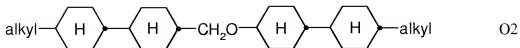




in which  $R^0$  is n-alkyl, oxaalkyl, alkoxy, alkenyloxy, fluoroalkyl or alkenyl, each having up to 9 carbon atoms.

**Claim 10. (Previously Presented)** Liquid-crystalline medium according to Claim 1, characterised in that it comprises one or more compounds of the formulae O1 and O2





in which

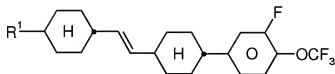
alkyl and alkyl\* are each, independently of one another, a straight-chain or branched alkyl group having 1-7 carbon atoms.

**Claim 11. (Previously Presented)** Liquid-crystalline medium according to Claim 1, characterised in that the proportion of compounds of the formula I in the mixture as a whole is from 0.5 to 40% by weight.

**Claim 12. (Canceled)**

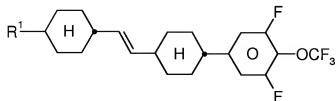
**Claim 13. (Previously Presented)** Electro-optical liquid-crystal display containing a liquid-crystalline medium according to Claim 1.

**Claim 14. (New)** Liquid-crystalline medium according to Claim 1, comprising a compound of formula I-2



in which R<sup>1</sup> is as defined in Claim 1.

**Claim 15. (New)** Liquid-crystalline medium according to Claim 1, comprising a compound of formula I-3



in which R<sup>1</sup> is as defined in Claim 1.

**Claim 16. (New)** Liquid-crystalline medium according to Claim 5, comprising one or more compounds of formula I and one or more compounds of formula Q-1 to Q-9.

**Claim 17. (New)** Liquid-crystalline medium according to Claim 5, comprising one or more compounds of formula I and one or more compounds of formula Q-4 to Q-6.

**Claim 18. (New)** Liquid-crystalline medium according to Claim 5, comprising one or more compounds of formula I and one or more compounds of formula I and a compound of formula Q-6.

**Claim 19. (New)** Liquid-crystalline medium according to Claim 5, comprising one or more compounds of formula I and one or more compounds of formula Q-10 to Q-15.

**Claim 20. (New)** Liquid-crystalline medium according to Claim 5, comprising one or more compounds of formula I and one or more compounds of formula Q-10 to Q-12.

**Claim 21. (New)** Liquid-crystalline medium according to Claim 5, comprising one or more compounds of formula I and one or more compounds of formula I and a compound of formula Q-12.